

SPECIFICATION:

Insert, before the first line, the sentence: "This application is a divisional of U.S. Patent Application No. 08/973,380 filed March 16, 1998."

Insert before the first sentence of the DISCLOSURE OF THE INVENTION, the sentence: "The entire disclosure of U.S. Patent Application 08/973,380 filed March 16, 1998 is expressly incorporated by reference herein."

CLAIMS:

Please cancel claims 1-13, 15-49, 55-61 and 63-77.

Please amend claims 52, 53 and 54 as follows:

1 52. A laser device according to claim 50, wherein the laser light
2 source further comprises:

3 a fiber for conveying laser light from the semiconductor laser;
4 a solid state laser crystal for receiving laser light emitted from the
5 fiber so as to generate a fundamental wave; and
6 an optimal wavelength conversion element for generating a
7 harmonic wave from the fundamental wave.

1 53. A laser device according to claim 50, wherein the
2 semiconductor laser is a distributed feedback type semiconductor laser; and the
3 laser light source further comprises a semiconductor laser amplifier for
4 amplifying laser light form the distributed feedback type semiconductor laser.

1 54. A laser device according to claim 50, wherein the laser light
2 source further comprises:

3 an optical wavelength conversion element in which an optical
4 waveguide for guiding laser light from the semiconductor laser and periodic
5 domain inverted structures are formed, wherein

6 a width and a thickness of the optical waveguide are each 40 μm or
7 greater.

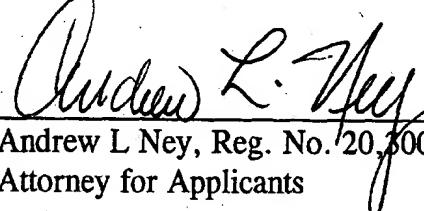
Please add the following new claims 78, 79 and 80:

1 78. (Newly Added) A laser device according to claim 51,
2 wherein laser light radiation is terminated by shifting a phase-matched
3 wavelength of the optical wavelength conversion element.

1 79. (Newly Added) A laser device according to claim 52,
2 wherein laser light radiation is terminated by shifting a phase-matched
3 wavelength of the optical wavelength conversion element.

1 80. (Newly Added) A laser device according to claim 54,
2 wherein laser light radiation is terminated by shifting a phase-matched
3 wavelength of the optical wavelength conversion element.

Respectfully Submitted,


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Enclosures:

Version with markings to show changes made
Figures 1-6 marked with red corrections

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The Assistant Commissioner for Patents is
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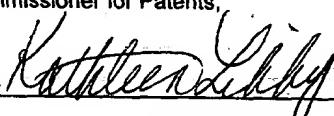
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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Kathleen Libby

VERSION WITH MARKINGS TO SHOW CHANGES MADESPECIFICATION:

Specification at page 1, line 1:

-- This application is a divisional of U.S. Patent Application No. 08/973,380 filed March 16, 1998.--

Specification at page 7, line 12:

-- The entire disclosure of U.S. Patent Application No. 08/973,380 filed March 16, 1998 is expressly incorporated by reference herein.--

CLAIMS:

Please amend claims 52, 53 and 54 as follows:

1 52. (Twice Amended) A laser [light source] device according to
2 claim 50, wherein the laser light source further comprises:

3 a fiber for conveying laser light from the semiconductor laser;

4 a solid state laser crystal for receiving laser light emitted from the
5 fiber so as to generate a fundamental wave; and

6 an optimal wavelength conversion element for generating a
7 harmonic wave from the fundamental wave.

1 53. (Twice Amended) A laser [light source] device according to
2 claim 50, wherein the semiconductor laser is a distributed feedback type
3 semiconductor laser; and the laser light source further comprises a
4 semiconductor laser amplifier for amplifying laser light form the distributed
5 feedback type semiconductor laser.

1 54. (Twice Amended) A laser [light source] device according to
2 claim 50, wherein the laser light source further comprises: